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1988 MONTANA COMMERCIAL FERTILIZER REPORT

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The Department of Agriculture
State of Montana, Helena, Montana

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Volume 35, 1988

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Mary Verwolf, Chemist
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This reports consists of the following sections:

Fertilizer Analyses. . . . . .Pages 1 - 36

Statistical. . . . . .Pages 37 - 40

Abbreviations Used:

Phosphate Denotes P_2O_5. . . .Available Phosphoric Acid

Potash Denotes K_2O. . . . . .Soluble Potash

ppm. . . . . .Parts Per Million

*. . . . . .Deficiency

MANUFACTURER

A.H.HOFFMAN INC
77 COOPER AVE
LANDISVILLE,PA 17538

HOFFMAN GARDEN FERTILIZER — SAMPLED IN MONTANA — SAMPLE # 3345

ANALYSIS	CLAIMED	FOUND
NITROGEN	5%	4.9%
PHOSPHATE	10%	9.9%
POTASH	5%	6.7%

MANUFACTURER

ALI CORPORATION
1298 EAST FRONTAGE ROAD
POCATELLO,ID 83202

PKZ — SAMPLED IN KALISPELL — SAMPLE # 1578

ANALYSIS	CLAIMED	FOUND	
PHOSPHATE	19%	14.5%	*
POTASH	5%	5.6%	
SULFUR	6%	5.6%	
ZINC	7%	7.3%	

PKZ 0-18-4-5 — SAMPLED IN CUT BANK — SAMPLE # 3504

ANALYSIS	CLAIMED	FOUND	
PHOSPHATE	18%	12.0%	*
POTASH	4%	4.4%	
SULFUR	5%	4.9%	
ZINC	7.5%	7.6%	

PKZ 0-19-5 6 ZN — SAMPLED IN MONTANA — SAMPLE # 8427

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	13 ppm
CADMIUM	NO CLAIM	4600 ppm
LEAD	NO CLAIM	770 ppm

MANUFACTURER

AG WISE INC
P.O.BOX 109
KREMLIN,MT 59601

BLENDED LIQUID FERTILIZER — SAMPLED IN KREMLIN — SAMPLE # 3016

ANALYSIS	CLAIMED	FOUND
POTASH	12%	11.8%

AG WISE INC - KREMLIN CONTINUED

BLENDED LIQUID FERTILIZER 8-0-9 — SAMPLED IN KREMLIN — SAMPLE # 3015

ANALYSIS	CLAIMED	FOUND
NITROGEN	8%	8.0%
SULFUR	9%	9.2%

LIQUID FERTILIZER BLEND — SAMPLED IN KREMLIN — SAMPLE # 3017

ANALYSIS	CLAIMED	FOUND
NITROGEN	20%	20.1%
PHOSPHATE	10%	12.5%

MANUFACTURER

AGRI BASICS CO
1420 MINNESOTA AVE
BILLINGS,MT 59101

FCS POTASH 0-0-60 — SAMPLED IN RED LODGE — SAMPLE # 0923

ANALYSIS	CLAIMED	FOUND
POTASH	60%	60.9%

SIMPLOT DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN RED LODGE — SAMPLE # 0924

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	17.9%
PHOSPHATE	46%	46.5%

CUSTOM BLEND — SAMPLED IN BILLINGS — SAMPLE # 3672

ANALYSIS	CLAIMED	FOUND
NITROGEN	21.1%	21.3%
PHOSPHATE	10.6%	11.0%
POTASH	5.6%	5.6%
SULFUR	7.4%	8.9%

CUSTOM BLEND — SAMPLED IN BILLINGS — SAMPLE # 3682

ANALYSIS	CLAIMED	FOUND
NITROGEN	17.7%	18.2%
PHOSPHATE	17.5%	18.1%
POTASH	18%	18.0%

MANUFACTURER

AGRI BASICS CO
P.O.BOX 218
FAIRFIELD,MT 59436

AGRI BASICS CO - FAIRFIELD CONTINUED

MIXED MONOAMMONIUM PHOSPHATE — SAMPLED IN FAIRFIELD — SAMPLE # 1970

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	12.1%
PHOSPHATE	51%	52.3%

MANUFACTURER

AGRI BASICS CO
P.O.BOX 1431
GREAT FALLS,MT 59403

MONOAMMONIUM PHOSPHATE 11-53-0 — 2-4-88 — SAMPLED IN CHOTEAU — SAMPLE # 1966

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	12.0%
PHOSPHATE	53%	53.4%

TRIPLE SUPER PHOSPHATE 0-45-0 — 1-5-88 — SAMPLED IN CHOTEAU — SAMPLE # 1968

ANALYSIS	CLAIMED	FOUND
PHOSPHATE	45%	45.7%

MANUFACTURER

AGRI BASICS CO
P.O.BOX 577
WOLF POINT,MT 59201

CUSTOM BLEND — SAMPLED IN WOLF POINT — SAMPLE # 3326

ANALYSIS	CLAIMED	FOUND
NITROGEN	32%	32.3%
PHOSPHATE	22%	24.7%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN RICHEY — SAMPLE # 3302

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.0%
PHOSPHATE	46%	46.4%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN RICHEY — SAMPLE # 3301

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	12.5%
PHOSPHATE	52%	48.9%

MANUFACTURER

AGRIBASICS CO
P.O.BOX 347
GERALDINE,MT 59446

AMMONIUM POLYPHOSPHATE SOLUTION — SAMPLED IN HAVRE — SAMPLE # 3010

ANALYSIS	CLAIMED	FOUND	
NITROGEN	10%	9.9%	
PHOSPHATE	34%	32.2%	*

LIQUID FERTILIZER 10-34-0 — SAMPLED IN CONRAD — SAMPLE # 3008

ANALYSIS	CLAIMED	FOUND	
NITROGEN	10%	10.4%	
PHOSPHATE	34%	32.0%	*

MANUFACTURER

ALLJACK & CO
423 AMELIA ST
PLYMOUTH,MI 48170

GREEN THUMB ACID PLANT FOOD — SAMPLED IN MONTANA — SAMPLE # 3347

ANALYSIS	CLAIMED	FOUND
NITROGEN	30%	32.3%
PHOSPHATE	10%	10.6%
POTASH	10%	11.3%
ZINC	0.05%	0.05%
MANGANESE	0.05%	0.07%
IRON	0.325%	0.320%
COPPER	0.05%	0.04%

GREEN THUMB PLANT FOOD — SAMPLED IN MONTANA — SAMPLE # 3346

ANALYSIS	CLAIMED	FOUND
NITROGEN	15%	16.7%
PHOSPHATE	30%	32.3%
POTASH	15%	15.8%
ZINC	0.05%	0.07%
MANGANESE	0.05%	0.07%
IRON	0.1%	0.14%
COPPER	0.05%	0.07%

MANUFACTURER

BITTERROOT FARM & BUILDERS SU
P.O.BOX 197
STEVENSVILLE,MT 59870

CUSTOM BLEND — SAMPLED IN STEVENSVILLE — SAMPLE # 0968

ANALYSIS	CLAIMED	FOUND
NITROGEN	19.3%	18.5%
PHOSPHATE	8.8%	9.9%
POTASH	12%	12.9%

CUSTOM BLEND CONTINUED

ANALYSIS	CLAIMED	FOUND
SULFUR	6.6%	7.4%

MANUFACTURER

C.I.L. INC
P.O.BOX 250
CARSELAND,ALBT T0J 0M0
CANADA

AMMONIUM NITRATE 34-0-0 — SAMPLED IN MALTA — SAMPLE # 1312

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.8%

AMMONIUM NITRATE 34-0-0 — SAMPLED IN HARLOWTON — SAMPLE # 2013

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.7%

MANUFACTURER

CANADIAN FERTILIZERS LTD

MEDICINE HAT,ALBT
CANADA

UREA 46-0-0 — SAMPLED IN MILES CITY — SAMPLE # 1991

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.1%

MANUFACTURER

CARGILL INC
P.O.BOX 'O'
HARLOWTON,MT 59036

CUSTOM BLEND — SAMPLED IN HARLOWTON — SAMPLE # 2014

ANALYSIS	CLAIMED	FOUND
NITROGEN	30%	30.7%
PHOSPHATE	10%	9.1%

MANUFACTURER

CARGILL, INC
P.O.BOX 5602
MINNEAPOLIS,MN 55440

CARGILL, INC - MINNEAPOLIS CONTINUED

GARDENIA MONOAMMONIUM PHOSPHATE 10-50-0 SAMPLED IN FORT BENTON SAMPLE # 3048

ANALYSIS	CLAIMED	FOUND
NITROGEN	10%	10.3%
PHOSPHATE	50%	50.4%

GARDENIER DIAMMONIUM PHOSPHATE 18-46-0 SAMPLED IN MONTANA SAMPLE # 8361

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	8 ppm
CADMIUM	NO CLAIM	17 ppm
LEAD	NO CLAIM	2.5 ppm

GARDENIER MONOAMMONIUM PHOSPHATE 10-50-0 SAMPLED IN MONTANA SAMPLE # 8383

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	6 ppm
CADMIUM	NO CLAIM	7.8 ppm
LEAD	NO CLAIM	7.5 ppm

GARDINIER MONOAMMONIUM PHOSPHATE 10-50-0 SAMPLED IN TIBER SAMPLE # 3013

ANALYSIS	CLAIMED	FOUND
NITROGEN	10%	10.4%
PHOSPHATE	50%	49.9%

GARDINIER- DIAMMONIUM PHOSPHATE 18-46-0 SAMPLED IN JORDAN SAMPLE # 3318

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.3%
PHOSPHATE	46%	46.7%

MONOAMMONIUM PHOSPHATE 11-52-0 SAMPLED IN MONTANA SAMPLE # 8400

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	7 ppm
CADMIUM	NO CLAIM	10 ppm
LEAD	NO CLAIM	5.2 ppm

MANUFACTURER

CASCADE FERTILIZER LTD
P.O.BOX 40
STANDARD,ALBT T0J 3G0
CANADA

LIQUID FERTILIZER 28-0-0 SAMPLED IN CONRAD SAMPLE # 3009

ANALYSIS	CLAIMED	FOUND
NITROGEN	28%	27.6%

MANUFACTURER

CENEX SOIL SERVICE CENTER
P.O.BOX 1322
BILLINGS,MT 59103

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN MALTA — SAMPLE # 3320

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.1%
PHOSPHATE	46%	46.6%

MONOAMMONIUM PHOSPHATE 11-53-0 — SAMPLED IN TERRY — SAMPLE # 3305

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.2%
PHOSPHATE	53%	53.0%

MANUFACTURER

CENEX SOIL SERVICE CENTER
1000 RR ALLEY
GLASGOW,MT 59230

CUSTOM BLEND — SAMPLED IN GLASGOW — SAMPLE # 3328

ANALYSIS	CLAIMED	FOUND
NITROGEN	25%	24.6%
PHOSPHATE	18.8%	19.30%
POTASH	12.5%	14.7%

MIXED DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN GLASGOW — SAMPLE # 3309

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.1%
PHOSPHATE	46%	46.4%

MANUFACTURER

CENEX/ LAND O'LAKES AGRONOMY
P.O.BOX 64089
ST. PAUL,MN 55164

AMMONIUM SULFATE 21-0-0-24 — SAMPLED IN RONAN — SAMPLE # 1586

ANALYSIS	CLAIMED	FOUND
NITROGEN	21%	21.0%
SULFUR	24%	24.6%

AMPEL CAL-SUL — SAMPLED IN BAKER — SAMPLE # 3649

ANALYSIS	CLAIMED	FOUND
SULFUR	17.3%	17.2%
CALCIUM	22%	23.7%

CFI SUPER TRIPLE PHOSPHATE 0-44-0 — SAMPLED IN LAMBERT — SAMPLE # 1345

ANALYSIS	CLAIMED	FOUND
PHOSPHATE	44%	45.5%

CFI UREA 46-0-0 — SAMPLED IN WOLF POINT — SAMPLE # 1303

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.3%

CFI UREA 46-0-0 — SAMPLED IN GLASGOW — SAMPLE # 3311

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.4%

CFI UREA 46-0-0 — SAMPLED IN MILES CITY — SAMPLE # 1700

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.0%

CFI UREA 46-0-0 — SAMPLED IN BAKER — SAMPLE # 2007

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.2%

CFI UREA 46-0-0 — SAMPLED IN WOLF POINT — SAMPLE # 3321

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.4%

CFI UREA 46-0-0 — SAMPLED IN GLASGOW — SAMPLE # 3369

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.0%

CFI UREA 46-0-0 — SAMPLED IN BAKER — SAMPLE # 3646

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.2%

CFI UREA 46-0-0 — SAMPLED IN HARDIN — SAMPLE # 3666

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.0%

CHEVRON DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN HARDIN — SAMPLE # 0927

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	17.9%
PHOSPHATE	46%	46.5%

CHEVRON MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN WOLF POINT — SAMPLE # 3323

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.4%
PHOSPHATE	52%	53.0%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN EDGAR — SAMPLE # 1705

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.1%
PHOSPHATE	46%	46.2%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN FAIRFIELD — SAMPLE # 3034

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.0%
PHOSPHATE	46%	46.5%

EXXON AMMONIUM NITRATE 34-0-0 — SAMPLED IN BILLINGS — SAMPLE # 1690

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.3%

EXXON AMMONIUM NITRATE 34.5-0-0 — SAMPLED IN HAMILTON — SAMPLE # 1587

ANALYSIS	CLAIMED	FOUND
NITROGEN	34.5%	34.6%

FRIT IRON MICRONUTRIENTS — SAMPLED IN BAKER — SAMPLE # 0926

ANALYSIS	CLAIMED	FOUND
IRON	40%	48.0%

IMC POTASH — SAMPLED IN BAKER — SAMPLE # 2009

ANALYSIS	CLAIMED	FOUND
POTASH	60%	61.6%

KALIUM POTASH — SAMPLED IN MILES CITY — SAMPLE # 1990

ANALYSIS	CLAIMED	FOUND
POTASH	62%	62.7%

KALIUM POTASH 0-0-62 — SAMPLED IN BILLINGS — SAMPLE # 1684

ANALYSIS	CLAIMED	FOUND
POTASH	62%	62.0%

CENEX/ LAND O'LAKES AGRONOMY ST. PAUL CONTINUED

CALCIUM POTASH 0-0-62 SAMPLED IN TERRY SAMPLE # 3307

ANALYSIS	CLAIMED	FOUND
POTASH	62%	64.9%

MONOAMMONIUM PHOSPHATE 11-51-0 SAMPLED IN DUTTON SAMPLE # 3005

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.1%
PHOSPHATE	51%	51.1%

MONOAMMONIUM PHOSPHATE 11-52-0 SAMPLED IN RONAN SAMPLE # 1582

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	10.9%
PHOSPHATE	52%	51.1%

MONOAMMONIUM PHOSPHATE 11-52-0 SAMPLED IN GLASGOW SAMPLE # 3312

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.2%
PHOSPHATE	52%	52.3%

MONOAMMONIUM PHOSPHATE 11-52-0 SAMPLED IN GLASGOW SAMPLE # 3370

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.0%
PHOSPHATE	52%	53.8%

NU-WEST DIAMMONUM PHOSPHATE 18-46-0 SAMPLED IN WOLF POINT SAMPLE # 1334

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.0%
PHOSPHATE	46%	46.3%

NU-WEST DIAMMONIUM PHOSPHATE 18-46-0 SAMPLED IN MILES CITY SAMPLE # 0917

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.1%
PHOSPHATE	46%	46.6%

NU-WEST DIAMMONIUM PHOSPHATE 18-46-0 SAMPLED IN BAKER SAMPLE # 3647

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.1%
PHOSPHATE	46%	46.3%

NU-WEST MONOAMMONIUM PHOSPHATE 11-52-0 SAMPLED IN MILES CITY SAMPLE # 1701

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.0%
PHOSPHATE	52%	52.5%

NU-WEST MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN EDGAR — SAMPLE # 1703

ANALYSIS	CLAIMED	FOUND	
NITROGEN	11%	11.0%	
PHOSPHATE	52%	51.0%	*

PCS POTASH 0-0-60 — SAMPLED IN LAMBERT — SAMPLE # 1344

ANALYSIS	CLAIMED	FOUND
POTASH	60%	60.3%

PCS POTASH 0-0-60 — SAMPLED IN TOWNSEND — SAMPLE # 1992

ANALYSIS	CLAIMED	FOUND
POTASH	60%	63.4%

PCS POTASH 0-0-60 — SAMPLED IN GLASGOW — SAMPLE # 3313

ANALYSIS	CLAIMED	FOUND
POTASH	60%	61.7%

PCS POTASH 0-0-60 — SAMPLED IN HARDIN — SAMPLE # 3619

ANALYSIS	CLAIMED	FOUND
POTASH	60%	60.2%

PCS POTASH 0-0-60 — SAMPLED IN BAKER — SAMPLE # 3648

ANALYSIS	CLAIMED	FOUND
POTASH	60%	62.0%

POTASH 0-0-60 — SAMPLED IN CIRCLE — SAMPLE # 1332

ANALYSIS	CLAIMED	FOUND
POTASH	60%	60.2%

SHERRIT AMMONIUM SULFATE 21-0-0-24 — SAMPLED IN GLASGOW — SAMPLE # 3310

ANALYSIS	CLAIMED	FOUND
NITROGEN	21%	21.0%
SULFUR	24%	24.6%

SHERRITT AMMONIUM SULFATE 21-0-0-24 — SAMPLED IN LAMBERT — SAMPLE # 1342

ANALYSIS	CLAIMED	FOUND
NITROGEN	21%	20.9%
SULFUR	24%	24.0%

SHERRITT AMMONIUM SULFATE 21-0-0-24 — SAMPLED IN BILLINGS — SAMPLE # 1691

ANALYSIS	CLAIMED	FOUND
NITROGEN	21%	20.9%
SULFUR	24%	24.2%

SIMPLOT DIAMMONIUM PHOSPHATE — SAMPLED IN BAKER — SAMPLE # 2008

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	17.9%
PHOSPHATE	46%	46.3%

SIMPLOT DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN WOLF POINT — SAMPLE # 3322

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.1%
PHOSPHATE	46%	46.4%

SIMPLOT TRIPLE SUPER PHOSPHATE 0-45-0 — SAMPLED IN TOWNSEND — SAMPLE # 1993

ANALYSIS	CLAIMED	FOUND
PHOSPHATE	45%	45.6%

SIMPLOT TRIPLE SUPERPHOSPHATE 0-45-0 — SAMPLED IN MILES CITY — SAMPLE # 0916

ANALYSIS	CLAIMED	FOUND
PHOSPHATE	45%	45.6%

SIMPLOT TRIPLE SUPERPHOSPHATE 0-45-0 — SAMPLED IN HARDIN — SAMPLE # 3665

ANALYSIS	CLAIMED	FOUND
PHOSPHATE	45%	45.4%

UREA 46-0-0 — SAMPLED IN PLENTYWOOD — SAMPLE # 3337

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.3%

UNCON AMMONIUM NITRATE 34-0-0 — SAMPLED IN BRIDGER — SAMPLE # 0922

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.4%

MANUFACTURER

CHEVRON CHEM CO; CONSUMER PROD
15049 SAN PABLO AVE
RICHMOND,CA 94804

ORTHO BONE MEAL — SAMPLED IN MONTANA — SAMPLE # 3332

ANALYSIS	CLAIMED	FOUND
PHOSPHATE	12%	13.6%

MANUFACTURER

CHEVRON CHEMICAL CO- AG CHEM
15049 SAN PABLO AVE
RICHMOND,CA 94804

AMMONIUM NITRATE 34-0-0 — SAMPLED IN KALISPELL — SAMPLE # 1580

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.2%

AMMONIUM NITRATE 34-0-0 — SAMPLED IN EDGAR — SAMPLE # 1702

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.2%

AMMONIUM PHOSPHATE 16-20-0-15 — SAMPLED IN TOSTON — SAMPLE # 1994

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	16.6%
PHOSPHATE	20%	20.9%
SULFUR	15%	15.2%

CHEVRON UNIPEL 16-16-16 — SAMPLED IN RONAN — SAMPLE # 1584

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	16.0%
PHOSPHATE	16%	16.3%
POTASH	16%	16.8%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN GLASGOW — SAMPLE # 1304

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.0%
PHOSPHATE	46%	46.8%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN CONRAD — SAMPLE # 3025

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.3%
PHOSPHATE	46%	46.6%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN MONTANA — SAMPLE # 8311

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	4 ppm
CADMIUM	NO CLAIM	1 ppm
LEAD	NO CLAIM	N.D.

DIAMMONIUM PHOSPHATE 18-46-0 10-87 SAMPLED IN FAIRFIELD SAMPLE # 1969

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.2%
PHOSPHATE	46%	46.4%

LIQUID FERTILIZER 28-0-0-5 SAMPLED IN RONAN SAMPLE # 1585

ANALYSIS	CLAIMED	FOUND
NITROGEN	28%	27.9%
SULFUR	5%	5.4%

MONOAMMONIUM PHOSPHATE 11-52 0 SAMPLED IN TOSTON SAMPLE # 1995

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.5%
PHOSPHATE	52%	52.2%

MONOAMMONIUM PHOSPHATE 11-52-0 SAMPLED IN CARTER SAMPLE # 3011

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.5%
PHOSPHATE	52%	52.7%

MONOAMMONIUM PHOSPHATE 11-52-0 SAMPLED IN CONRAD SAMPLE # 3027

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.4%
PHOSPHATE	52%	52.2%

MONOAMMONIUM PHOSPHATE 11-52-0 SAMPLED IN CARTER SAMPLE # 3045

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.4%
PHOSPHATE	52%	52.6%

MONOAMMONIUM PHOSPHATE 11-52-0 SAMPLED IN MONTANA SAMPLE # 8354

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	4 ppm
CADMIUM	NO CLAIM	1 ppm
LEAD	NO CLAIM	N.D.

MANUFACTURER

CHOVANAK CORP
2943 CANYON FERRY ROAD
HELENA,MT 59601

POTASSIUM SULFATE 0-0-30-10 SAMPLED IN GREAT FALLS SAMPLE # 3502

ANALYSIS	CLAIMED	FOUND
POTASH	30%	30.5%
SULFUR	10%	10.1%

CHOVAHAK CORP - HELENA CONTINUED

POTASSIUM SULFATE 0-0-30-10 CONTINUED

ANALYSIS	CLAIMED	FOUND
ZINC	2%	2.3%

POTASSIUM SULFATE 0-0-30-10 — SAMPLED IN HELENA — SAMPLE # 8409

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	13 ppm
CADMIUM	NO CLAIM	8.9 ppm
LEAD	NO CLAIM	620 ppm

POTASSIUM SULFATE FERTILIZER 0-0-30-10 — SAMPLED IN HELENA — SAMPLE # 1751

ANALYSIS	CLAIMED	FOUND
POTASH	30%	33.5%
SULFUR	10%	12.1%

MANUFACTURER

CO-OP SERVICE CENTER
1270 SOUTH 24th ST WEST
BILLINGS,MT 59102

ALL PURPOSE FERTILIZER 16-16-16 — SAMPLED IN BILLINGS — SAMPLE # 1683

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	15.9%
PHOSPHATE	16%	16.4%
POTASH	16%	17.0%
SULFUR	5%	5.7%
IRON	1%	0.8%

CUSTOM BLEND — SAMPLED IN BILLINGS — SAMPLE # 3667

ANALYSIS	CLAIMED	FOUND
NITROGEN	31%	31.6%
PHOSPHATE	8.3%	8.3%

LAWN FERTILIZER 24-8-8 — SAMPLED IN BILLINGS — SAMPLE # 1708

ANALYSIS	CLAIMED	FOUND
NITROGEN	24%	23.6%
PHOSPHATE	8%	8.3%
POTASH	8%	8.1%
SULFUR	4%	4.7%
IRON	1%	1.6%

MANUFACTURER

COMINCO AMERICAN INC
P.O.BOX 3087
SPOKANE,WA 99220

AMMONIUM SULFATE 21-0 0-24 — SAMPLED IN MOIESE — SAMPLE # 1563

ANALYSIS	CLAIMED	FOUND
NITROGEN	21%	21.0%
SULFUR	24%	24.6%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN CUT BANK — SAMPLE # 3503

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.5%
PHOSPHATE	52%	52.0%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN KALISPELL — SAMPLE # 1564

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.6%
PHOSPHATE	52%	52.7%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN WOLF POINT — SAMPLE # 3355

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.6%
PHOSPHATE	52%	52.1%

MONOAMMONIUM PHOSPHATE 11-55-0 — SAMPLED IN MONTANA — SAMPLE # 8398

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	3 ppm
CADMIUM	NO CLAIM	1 ppm
LEAD	NO CLAIM	2.7 ppm

MONOAMMONIUM PHOSPHATE 11-55-00 — SAMPLED IN CULBERTSON — SAMPLE # 3340

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.0%
PHOSPHATE	55%	54.9%

POTASH 0-0-60 — SAMPLED IN KALISPELL — SAMPLE # 1579

ANALYSIS	CLAIMED	FOUND
POTASH	60%	62.6%

UREA 46-0-0 — SAMPLED IN GREAT FALLS — SAMPLE # 0695

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.5%

UREA 46-0-0 — SAMPLED IN MOIESE — SAMPLE # 1563

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.3%

COMINCO AMERICAN INC - SPOKANE CONTINUED

UREA 46-0 0 — SAMPLED IN CULBERTSON — SAMPLE # 3339

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.2%

MANUFACTURER

DILLON FERTILIZER CO
2100 HWY 91N
DILLON,MT 59725

CUSTOM BLEND — SAMPLED IN DILLON — SAMPLE # 1773

ANALYSIS	CLAIMED	FOUND
NITROGEN	29%	28.9%
PHOSPHATE	7%	7.3%
SULFUR	5.7%	5.8%

MANUFACTURER

EKO-KOMPOST INC
3700 COMPOST ROAD
MISSOULA,MT 59802

EKO KOMPOST — SAMPLED IN MISSOULA — SAMPLE # 1589

ANALYSIS	CLAIMED	FOUND
LEAD	NO CLAIM	28.5 ppm
CADMIUM	NO CLAIM	2.5 ppm
MERCURY	NO CLAIM	0.7 ppm

EKO-COMPOST — SAMPLED IN MISSOULA — SAMPLE # 8420

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	0.6 ppm
CADMIUM	NO CLAIM	2.5 ppm
LEAD	NO CLAIM	28.5 ppm

MANUFACTURER

EQUITY COOPERATIVE ASSN
P.O.BOX 549
HARLEM,MT 59526

CUSTOM BLEND 29-29-0 — SAMPLED IN HARLEM — SAMPLE # 3331

ANALYSIS	CLAIMED	FOUND
NITROGEN	29%	28.8%
PHOSPHATE	29%	30.2%

MANUFACTURER

EQUITY SUPPLY CO
P.O.BOX 579
KALISPELL,MT 59901

BLENDED FERTILIZER 16.3-16.3-0-4.9 SAMPLED IN KALISPELL SAMPLE # 1565

ANALYSIS	CLAIMED	FOUND	
NITROGEN	16.3%	17.4%	
PHOSPHATE	16.3%	14.3%	*
SULFUR	4.9%	3.8%	*

MANUFACTURER

EXXON CHEMICAL FERTILIZER CO
P.O.BOX 176
DUTTON,MT 59433

AMMONIUM NITRATE 34-0-0 SAMPLED IN EDGAR SAMPLE # 1665

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.4%

AMMONIUM NITRATE 34.5-0-0 SAMPLED IN RONAN SAMPLE # 3402

ANALYSIS	CLAIMED	FOUND
NITROGEN	34.5%	34.5%

AMMONIUM NITRATE 34-0-0 SAMPLED IN SACO SAMPLE # 1308

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.3%

AMMONIUM NITRATE 34-0-0 SAMPLED IN BILLINGS SAMPLE # 1677

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.4%

AMMONIUM NITRATE 34-0-0 SAMPLED IN CONRAD SAMPLE # 3026

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.4%

AMMONIUM NITRATE 34-0-0 SAMPLED IN RED LODGE SAMPLE # 3656

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.4%

AMMONIUM NITRATE 34.5-0-0 SAMPLED IN DUTTON SAMPLE # 3004

ANALYSIS	CLAIMED	FOUND
NITROGEN	34.5%	34.9%

EXXON CHEMICAL FERTILIZER CO - DUTTON CONTINUED

AMMONIUM SULFATE 2-20-88 SAMPLED IN GREAT FALLS SAMPLE # 3001

ANALYSIS	CLAIMED	FOUND
NITROGEN	20.5%	20.5%
SULFUR	24%	24.7%

AMMONIUM SULFATE 20.5-0-0-24 SAMPLED IN RONAN SAMPLE # 3401

ANALYSIS	CLAIMED	FOUND
NITROGEN	20.5%	20.7%
SULFUR	24%	24.1%

MONOAMMONIUM PHOSPHATE 12-51-0 SAMPLED IN DUTTON SAMPLE # 8309

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	14 ppm
CADMIUM	NO CLAIM	34 ppm
LEAD	NO CLAIM	2.3 ppm

MONOAMMONIUM PHOSPHATE 12-51-0 1-28-88 SAMPLED IN CHOTEAU SAMPLE # 1967

ANALYSIS	CLAIMED	FOUND
NITROGEN	12%	12.1%
PHOSPHATE	51%	51.3%

UREA 46-0-0 SAMPLED IN KALISPELL SAMPLE # 1581

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.1%

UREA 46-0-0 SAMPLED IN WOLF POINT SAMPLE # 3316

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.5%

MANUFACTURER

FARMERS EXCHANGE
115 MAIN
STEVENSVILLE,MT 59870

CUSTOM BLEND 11-52-0 SAMPLED IN MISSOULA SAMPLE # 1588

ANALYSIS	CLAIMED	FOUND	
NITROGEN	11%	14.1%	
PHOSPHATE	52%	36.1%	*
SULFUR	NO CLAIM	8.6%	

CUSTOM BLEND 0-29.3-16.6-5 SAMPLED IN STEVENSVILLE SAMPLE # 0970

ANALYSIS	CLAIMED	FOUND
PHOSPHATE	29.3%	29.4%
POTASH	16.6%	20.5%
SULFUR	5%	5.2%

MANUFACTURER

FARMERS UNION OIL CO
HWY 2 EAST
WOLF POINT,MT 59201

BLENDED FERTILIZER 28-28-0 — SAMPLED IN WOLF POINT — SAMPLE # 3327

ANALYSIS	CLAIMED	FOUND
NITROGEN	28%	29.6%
PHOSPHATE	28%	27.9%

MANUFACTURER

G & G FERTILIZER
P.O.BOX 23
FLAXVILLE,MT 59222

AMMONIUM POLYPHOSPHATE 10-34-0 — SAMPLED IN GLASGOW — SAMPLE # 1305

ANALYSIS	CLAIMED	FOUND
NITROGEN	10%	10.1%
PHOSPHATE	34%	34.1%

MANUFACTURER

GALLATIN FARMERS CO
P.O.BOX 129
BELGRADE,MT 59714

CUSTOM BLEND — SAMPLED IN BELGRADE — SAMPLE # 1772

ANALYSIS	CLAIMED	FOUND	
NITROGEN	30%	27.0%	*
PHOSPHATE	15%	15.3%	
POTASH	4.5%	5.6%	
SULFUR	3%	6.9%	

MANUFACTURER

GREEN DROP FERTILIZER, LTD
P.O.BOX 237
CARSELAND,ALTA T0J 0M0
CANADA

28% LIQUID FERTILIZER — SAMPLED IN HAVRE — SAMPLE # 3019

ANALYSIS	CLAIMED	FOUND
NITROGEN	28%	27.4%

UAN SOLUTION 28-0-0 — SAMPLED IN CONRAD — SAMPLE # 3007

ANALYSIS	CLAIMED	FOUND
NITROGEN	28%	27.9%

MANUFACTURER

GREENACRES GYPSUM & LIME CO
P.O.BOX 250
GREENACRES,WA 99016

GYPSUM — SAMPLED IN RONAN — SAMPLE # 1583

ANALYSIS	CLAIMED	FOUND
SULFUR	16%	16.0%

MANUFACTURER

HARVEST STATES COOPERATIVE
P.O.BOX 355
COLUMBUS,MT 59019

CUSTOM BLEND — SAMPLED IN COLUMBUS — SAMPLE # 3678

ANALYSIS	CLAIMED	FOUND
NITROGEN	5%	5.3%
PHOSPHATE	25%	25.5%
POTASH	29%	31.0%
SULFUR	1.2%	2.8%
ZINC	1.5%	1.1%

MANUFACTURER

HI LINE FERTILIZER INC
P.O.BOX 228
HINGHAM,MT 59528

AMMONIUM POLYPHOSPHATE SOLUTION 10-34-0 — SAMPLED IN HINGHAM — SAMPLE # 3020

ANALYSIS	CLAIMED	FOUND
NITROGEN	10%	10.0%
PHOSPHATE	34%	34.3%

MANUFACTURER

HOWARD JOHNSON'S ENTERPRISES
161 W.WISCONSIN AVE, STE 4006
MILWAUKEE,WI 53203

GARDEN GROOM 5-10-5 — SAMPLED IN MONTANA — SAMPLE # 3352

ANALYSIS	CLAIMED	FOUND
NITROGEN	5%	6.8%
PHOSPHATE	10%	13.6%
POTASH	5%	5.8%

MANUFACTURER

HUIGH GREYN & SONS FERTILIZER
P.O.BOX 2310
DUTTON,MT 59433

MIXED MONOAMMONIUM PHOSPHATE 12-51-0 SAMPLED IN DUTTON SAMPLE # 3005

ANALYSIS	CLAIMED	FOUND
NITROGEN	12%	11.2%
PHOSPHATE	51%	52.5%

MANUFACTURER

HYPONEX CORP
3489 SAWMILL ROAD
COPLEY,OH 44321

HYPONEX HOUSE PLANT FOOD SAMPLED IN MONTANA SAMPLE # 3341

ANALYSIS	CLAIMED	FOUND
NITROGEN	5%	5.5%
PHOSPHATE	10%	10.5%
POTASH	5%	5.6%
ZINC	0.05%	0.06%
IRON	0.1%	0.15%
COPPER	0.05%	0.06%

HYPONEX PLANT FOOD STICKS- FOLIAGE FORMULA SAMPLED IN MONTANA SAMPLE # 3343

ANALYSIS	CLAIMED	FOUND
NITROGEN	14%	16.3%
PHOSPHATE	5%	6.1%
POTASH	5%	5.5%

MANUFACTURER

IMC
421 E. HAWLEY ST
MUNDELEIN,IL 60060

DIAMMONIUM PHOSPHATE 18-46-0 SAMPLED IN MONTANA SAMPLE # 8296

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	8 ppm
CADMIUM	NO CLAIM	3.9 ppm
LEAD	NO CLAIM	3.1 ppm

MANUFACTURER

J.R.SIMPLOT CO
P.O.BOX 912
POCATELLO,ID 83204

J.R.SIMPLOT CO POCATELLO CONTINUED

AMMONIUM NITRATE 34-0-0 — SAMPLED IN BILLINGS — SAMPLE # 1707

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.3%

AMMONIUM PHOSPHATE 16-20-0-14 — SAMPLED IN THREE FORKS — SAMPLE # 1996

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	16.3%
PHOSPHATE	20%	20.0%
SULFUR	14%	15.4%

AMMONIUM PHOSPHATE 16-20-0-15 — SAMPLED IN BILLINGS — SAMPLE # 1692

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	15.9%
PHOSPHATE	20%	20.7%
SULFUR	15%	15.0%

AMMONIUM PHOSPHATE 16-20-0-15 — SAMPLED IN MILES CITY — SAMPLE # 1696

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	17.0%
PHOSPHATE	20%	21.1%
SULFUR	15%	14.9%

AMMONIUM SULFATE 21-0-0-24 — SAMPLED IN BELGRADE — SAMPLE # 1771

ANALYSIS	CLAIMED	FOUND
NITROGEN	21%	21.0%
SULFUR	24%	24.7%

AMMONIUM SULFATE 21-0-0-24 — SAMPLED IN RICHEY — SAMPLE # 3304

ANALYSIS	CLAIMED	FOUND
NITROGEN	21%	20.2%
SULFUR	24%	24.5%

DIAMMONIUM PHOSHATE 18-46-0 — SAMPLED IN MILES CITY — SAMPLE # 1699

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.2%
PHOSPHATE	46%	46.9%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN WOLF POINT — SAMPLE # 3314

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.1%
PHOSPHATE	46%	46.6%

J.R.SIMPLOT CO - POCATELLO CONTINUED

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN BILLINGS — SAMPLE # 1694

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.0%
PHOSPHATE	46%	46.9%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN MILES CITY — SAMPLE # 0921

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.4%
PHOSPHATE	46%	46.8%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN GLENDIVE — SAMPLE # 1310

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.0%
PHOSPHATE	46%	46.3%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN BRIDGER — SAMPLE # 1664

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.1%
PHOSPHATE	46%	46.6%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN CARTER — SAMPLE # 3046

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.3%
PHOSPHATE	46%	46.0%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN GLASGOW — SAMPLE # 3371

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	17.9%
PHOSPHATE	46%	46.2%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN VALIER — SAMPLE # 3505

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.3%
PHOSPHATE	46%	46.3%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN HARDIN — SAMPLE # 3657

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.1%
PHOSPHATE	46%	46.6%

DIAMMONIUM PHOSPHE 18-46-0 — SAMPLED IN MONTANA — SAMPLE # 8357

ANALYSIS	CLAIMED	FOUND
CADMIUM	NO CLAIM	96 ppm
ARSENIC	NO CLAIM	5 ppm
LEAD	NO CLAIM	1.8 ppm

J.R.SIMPLOT CO - POCATELLO CONTINUED

LIQUID FERTILIZER 28-0-0 — SAMPLED IN MALTA — SAMPLE # 1892

ANALYSIS	CLAIMED	FOUND
NITROGEN	28%	27.5%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN WOLF POINT — SAMPLE # 3315

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.3%
PHOSPHATE	52%	52.3%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN JORDAN — SAMPLE # 3317

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	10.9%
PHOSPHATE	52%	52.8%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN FORT BENTON — SAMPLE # 3047

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.4%
PHOSPHATE	52%	52.5%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN BIG SANDY — SAMPLE # 3049

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.1%
PHOSPHATE	52%	52.6%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN HARDIN — SAMPLE # 3659

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.1%
PHOSPHATE	52%	52.7%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN MONTANA — SAMPLE # 8360

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	7 ppm
CADMIUM	NO CLAIM	150 ppm
LEAD	NO CLAIM	2.7 ppm

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN MILES CITY — SAMPLE # 0920

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.1%
PHOSPHATE	52%	52.9%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN MILES CITY — SAMPLE # 1695

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.0%
PHOSPHATE	52%	52.2%

J.R.SIMPLOT CO - POCATELLO CONTINUED

PHOSPHORIC ACID 0-52-0 — SAMPLED IN BILLINGS — SAMPLE # 3686

ANALYSIS	CLAIMED	FOUND
PHOSPHATE	52%	52.5%

SULFATE of POTASH — SAMPLED IN KALISPELL — SAMPLE # 1567

ANALYSIS	CLAIMED	FOUND
POTASH	50%	53.7%
SULFUR	17%	17.4%

SUPER TRIPLE PHOSPHATE 0-45-0 — SAMPLED IN RONAN — SAMPLE # 3403

ANALYSIS	CLAIMED	FOUND
PHOSPHATE	45%	44.9%

SUPER TRIPLE PHOSPHATE 0-45-0 — SAMPLED IN MONTANA — SAMPLE # 8412

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	4 ppm
CADMIUM	NO CLAIM	190 ppm
LEAD	NO CLAIM	5.4 ppm

TRIPLE SUPER PHOSPHATE 0-45-0 — SAMPLED IN MOIESE — SAMPLE # 1264

ANALYSIS	CLAIMED	FOUND
PHOSPHATE	45%	45.4%

TRIPLE SUPERPHOSPHATE 0-45-0 — SAMPLED IN BILLINGS — SAMPLE # 1706

ANALYSIS	CLAIMED	FOUND
PHOSPHATE	45%	45.6%

UAN-32 LIQUID FERTILIZER **AMENDED REPORT** — SAMPLED IN BELGRADE — SAMPLE # 2000

ANALYSIS	CLAIMED	FOUND
NITROGEN	32%	31.9%

UREA 46-0-0 — SAMPLED IN RICHEY — SAMPLE # 3303

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.3%

UREA 46-0-0 — SAMPLED IN MILES CITY — SAMPLE # 1697

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.1%

J.R.SIMPLOT CO - POCATELLO CONTINUED

UREA 46-0-0 — SAMPLED IN WOLF POINT — SAMPLE # 3354

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.1%

UREA 46-0-0 — SAMPLED IN HARDIN — SAMPLE # 3658

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.4%

UREA AMMONIUM NITRATE SOLUTION 28-0-0 — SAMPLED IN GLASGOW — SAMPLE # 1911

ANALYSIS	CLAIMED	FOUND
NITROGEN	28%	27.8%

MANUFACTURER

J.R.SIMPLOT SOIL SERVICE
P.O.BOX 20363
BILLINGS,MT 59104

CUSTOM BLEND — SAMPLED IN BILLINGS — SAMPLE # 3668

ANALYSIS	CLAIMED	FOUND
NITROGEN	30.4%	30.6%
PHOSPHATE	10.2%	10.3%

CUSTOM BLEND — SAMPLED IN BILLINGS — SAMPLE # 3670

ANALYSIS	CLAIMED	FOUND
NITROGEN	29.9%	29.8%
PHOSPHATE	11.6%	11.6%

CUSTOM BLEND — SAMPLED IN BILLINGS — SAMPLE # 3671

ANALYSIS	CLAIMED	FOUND
NITROGEN	20.6%	21.1%
PHOSPHATE	25.8%	26.1%
POTASH	7.7%	8.5%

POTASH MIXTURE 0-0-60 — SAMPLED IN BILLINGS — SAMPLE # 1693

ANALYSIS	CLAIMED	FOUND
POTASH	60%	61.0%

MANUFACTURER

KALIUM CHEM CORP- DIV P.P.G.
ONE P.P.G. PLACE- 34 SOUTH
PITTSBURGH,PA 15272

KALIUM CHEM CORP- DIV P.P.G. - PITTSBURGH CONTINUED

POTASH 0-0-62 — SAMPLED IN MILES CITY — SAMPLE # 0910

ANALYSIS	CLAIMED	FOUND
POTASH	62%	62.0%

POTASH 0-0-62 — SAMPLED IN EDGAR — SAMPLE # 1704

ANALYSIS	CLAIMED	FOUND
POTASH	62%	62.0%

MANUFACTURER

KERLEY CHEMICAL
P.O.BOX 6183
KENNEWICK,WA 99336

THIOSUL — SAMPLED IN BELGRADE — SAMPLE # 1770

ANALYSIS	CLAIMED	FOUND
NITROGEN	12%	12.4%
SULFUR	26%	26.0%

THIOSULFATE 12-0-0-26 — SAMPLED IN GREAT FALLS — SAMPLE # 3501

ANALYSIS	CLAIMED	FOUND
NITROGEN	12%	12.2%
SULFUR	26%	26.3%

MANUFACTURER

LAKE MILLING INC
P.O.BOX 280
HAMILTON,MT 59840

CUSTOM BLEND — SAMPLED IN HAMILTON — SAMPLE # 0971

ANALYSIS	CLAIMED	FOUND	
NITROGEN	25%	24.0%	*
PHOSPHATE	10%	11.7%	
SULFUR	7%	8.2%	

MANUFACTURER

MOBIL MINING & MINERALS CO
P.O.BOX 26683
RICHMOND,VA 23261

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN MONTANA — SAMPLE # 8382

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	6 ppm
CADMIUM	NO CLAIM	9.6 ppm
LEAD	NO CLAIM	2.4 ppm

MOBIL MINING & MINERALS CO - RICHMOND CONTINUED

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN TIBER — SAMPLE # 3012

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.5%
PHOSPHATE	52%	53.0%

MANUFACTURER

MONTANA SULFUR & CHEMICAL CO
P.O.BOX 31118
BILLINGS,MT 59107

YELLOWSTONE DISINTEGRATING SULFUR — SAMPLED IN KALISPELL — SAMPLE # 1577

ANALYSIS	CLAIMED	FOUND
SULFUR	90%	89%

MANUFACTURER

NORANDA SALES INC
30100 CHAGRIN BLVD, SUITE 100
CLEVELAND,OH 44124

CENTRAL CANADIAN POTASH — SAMPLED IN CHOTEAU — SAMPLE # 1965

ANALYSIS	CLAIMED	FOUND
POTASH	60%	61.4%

MANUFACTURER

NORTH PACIFIC TRADING CO
P.O.BOX 3915
PORTLAND,OR 97208

MONOAMMONIUM PHOSPHATE 11-52-00 — SAMPLED IN HAVRE — SAMPLE # 3014

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.4%
PHOSPHATE	52%	52.5%

MANUFACTURER

NORTHERN AG SERVICE
P.O.BOX 1398
MALTA,MT 59538

CUSTOM BLEND — SAMPLED IN MALTA — SAMPLE # 3330

ANALYSIS	CLAIMED	FOUND
NITROGEN	33.75%	33.74%
PHOSPHATE	18.2%	18.6%

MANUFACTURER

NU WEST IND. INC
8400 E.PRENTICE AVE, STE 1320
ENGLEWOOD,CO 80111

AMMONIUM PHOSPHATE 16-20-0 14 — SAMPLED IN BELGRADE — SAMPLE # 1948

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	16.6%
PHOSPHATE	20%	21.2%
SULFUR	14%	15.4%

AMMONIUM PHOSPHATE 16-20-0-14 — SAMPLED IN TOWNSEND — SAMPLE # 2015

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	15.9%
PHOSPHATE	20%	24.5%
SULFUR	14%	13.8%

AMMONIUM PHOSPHATE 16-20-0-15 — SAMPLED IN STEVENSVILLE — SAMPLE # 0969

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	16.5%
PHOSPHATE	20%	21.1%
SULFUR	15%	15.3%

AMMONIUM PHOSPHATE 16-20-0-15 — SAMPLED IN BILLINGS — SAMPLE # 1678

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	16.1%
PHOSPHATE	20%	20.8%
SULFUR	15%	15.3%

AMMONIUM PHOSPHATE 16-20-0-15 — SAMPLED IN BRADY — SAMPLE # 3029

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	16.0%
PHOSPHATE	20%	20.5%
SULFUR	15%	15.4%

AMMONIUM PHOSPHATE-SULFATE 16-20-0-14 — SAMPLED IN KALISPELL — SAMPLE # 1566

ANALYSIS	CLAIMED	FOUND
NITROGEN	16%	16.3%
PHOSPHATE	20%	22.0%
SULFUR	14%	14.9%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN SACO — SAMPLE # 1307

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	17.9%
PHOSPHATE	46%	46.3%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN BILLINGS — SAMPLE # 1689

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.1%
PHOSPHATE	46%	46.5%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN BRADY — SAMPLE # 3028

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.1%
PHOSPHATE	46%	46.6%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN WOLF POINT — SAMPLE # 3356

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.2%
PHOSPHATE	46%	46.0%

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN MONTANA — SAMPLE # 8319

ANALYSIS	CLAIMED	FOUND
CADMIUM	NO CLAIM	100 ppm
LEAD	NO CLAIM	1.7 ppm
ARSENIC	NO CLAIM	5 ppm

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN TIBER — SAMPLE # 3010

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	10.9%
PHOSPHATE	52%	52.6%

MONOAMMONIUM PHOSPHATE 11-53-0 — SAMPLED IN MALTA — SAMPLE # 1314

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	10.9%
PHOSPHATE	53%	51.6% *

MONOAMMONIUM PHOSPHATE 11-51-0 — SAMPLED IN BRADY — SAMPLE # 3030

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.0%
PHOSPHATE	51%	51.2%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN CIRCLE — SAMPLE # 1333

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.1%
PHOSPHATE	52%	52.7%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN KALISPELL — SAMPLE # 1568

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	10.9%
PHOSPHATE	52%	52.1%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN BILLINGS — SAMPLE # 1676

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.1%
PHOSPHATE	52%	51.9%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN BELGRADE — SAMPLE # 1999

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	10.9%
PHOSPHATE	52%	53.0%

MONOAMMONIUM PHOSPHATE 11-52-0 — SAMPLED IN MONTANA — SAMPLE # 8380

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	5 ppm
CADMIUM	NO CLAIM	210 ppm
LEAD	NO CLAIM	3.2 ppm

MANUFACTURER

O.M.SCOTT & SONS CO
14310 SCOTTSLAWN
MARYSVILLE,OH 43041

SCOTT'S FLOWER, ROSE BUILDER — SAMPLED IN MONTANA — SAMPLE # 3334

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.1%
PHOSPHATE	11%	11.8%
POTASH	12%	13.4%

MANUFACTURER

P.P.G. CANADA INC (KALIUM DIV)
1200 1801 HAMILTON ST
REGINA,SASK S4P 4B5
CANADA

POTASH 0-0-62 — SAMPLED IN BRIDGER — SAMPLE # 1666

ANALYSIS	CLAIMED	FOUND
POTASH	62%	65.2%

MANUFACTURER

PARIS & SONS, INC
P.O.BOX 95
MASONVILLE,IA 50654

PAMIDA GARDEN FERTILIZER — SAMPLED IN MONTANA — SAMPLE # 3344

ANALYSIS	CLAIMED	FOUND
NITROGEN	5%	5.0%
PHOSPHATE	10%	10.4%

PARIS & SONS, INC - MASONVILLE CONTINUED

FAMIDA GARDEN FERTILIZER CONTINUED

ANALYSIS	CLAIMED	FOUND
POTASH	5%	5.3%

MANUFACTURER

POTASH CORP OF SASKATCHEWAN
410 22ND STREET EAST
SASKATOON,SASK S7K 5T7
CANADA

POTASH 0-0-60 — SAMPLED IN HARDIN — SAMPLE # 0937

ANALYSIS	CLAIMED	FOUND
POTASH	60%	61.5%

POTASH 0-0-60 — SAMPLED IN MILES CITY — SAMPLE # 1698

ANALYSIS	CLAIMED	FOUND
POTASH	60%	60.3%

POTASH 0-0-60 — SAMPLED IN WOLF POINT — SAMPLE # 3319

ANALYSIS	CLAIMED	FOUND
POTASH	60%	62.9%

MANUFACTURER

RA-PID-GRO CORP
P.O.BOX 7144
SAN FRANCISCO,CA 94120

RA-PID-GRO PLANT FOOD 23-19-17 — SAMPLED IN MONTANA — SAMPLE # 3329

ANALYSIS	CLAIMED	FOUND
NITROGEN	23%	23.2%
PHOSPHATE	19%	19.6%
POTASH	17%	18.5%

MANUFACTURER

RICHLAND FARM SUPPLY
P.O.BOX 8
RICHLAND,MT 59260

CUSTOM BLEND — SAMPLED IN RICHLAND — SAMPLE # 3335

ANALYSIS	CLAIMED	FOUND	
NITROGEN	19.5%	20.0%	
PHOSPHATE	23%	16%	*
SULFUR	12%	16.9%	

CUSTOM BLEND — SAMPLED IN RICHLAND — SAMPLE # 3336

ANALYSIS	CLAIMED	FOUND
NITROGEN	41%	40.9%
POTASH	3.5%	3.3%
SULFUR	2.3%	3.8%

MANUFACTURER

SACO DEHY INC
P.O.BOX 268
SACO,MT 59261

CUSTOM BLEND 30-10-0 — SAMPLED IN SACO — SAMPLE # 1309

ANALYSIS	CLAIMED	FOUND	
NITROGEN	30%	30.7%	
PHOSPHATE	10%	8.2%	*

MANUFACTURER

SCHULTZ COMPANY
11730 NORTHLINE IND. DRIVE
MARYLAND HTS,MO 63043

SCHULTZ- INSTANT LIQUID PLANT FOOD — SAMPLED IN MONTANA — SAMPLE # 3342

ANALYSIS	CLAIMED	FOUND
NITROGEN	10%	10.5%
PHOSPHATE	15%	15.2%
POTASH	10%	11.5%

MANUFACTURER

SELSTAD SOIL SERVICE
R.R. 5045
GREAT FALLS,MT 59401

AMMONIUM POLYPHOSPHATE 10-34-0 10-26-88 — SAMPLED IN GREAT FALLS — SAMPLE # 3512

ANALYSIS	CLAIMED	FOUND	
NITROGEN	10%	9.0%	*
PHOSPHATE	34%	35.0%	

AMMONIUM POLYPHOSPHATE 10-34-0 — SAMPLED IN GREAT FALLS — SAMPLE # 3050

ANALYSIS	CLAIMED	FOUND	
NITROGEN	10%	9.1%	*
PHOSPHATE	34%	34.2%	

MANUFACTURER

SHERRITT FERTILIZER INC
7017 N.E.HIGHWAY 99, SUITE 106
VANCOUVER,WA 98665

AMMONIUM SULFATE 21-0-0-24 — SAMPLED IN THREE FORKS — SAMPLE # 1997

ANALYSIS	CLAIMED	FOUND
NITROGEN	21%	21.1%
SULFUR	24%	24.6%

AMMONIUM SULFATE 21-0-024 — SAMPLED IN DUTTON — SAMPLE # 3002

ANALYSIS	CLAIMED	FOUND
NITROGEN	21%	21.1%
SULFUR	24%	24.6%

AMMONIUM SULFATE PHOSPHATE — 12-7-87 — SAMPLED IN GREAT FALLS — SAMPLE # 0694

ANALYSIS	CLAIMED	FOUND	
NITROGEN	19%	18.2%	*
PHOSPHATE	3%	4.3%	
SULFUR	22%	21.9%	

UREA 46-0-0 — SAMPLED IN WOLF POINT — SAMPLE # 3353

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.2%

MANUFACTURER

VALCO AGRI SERVICE INC
P.O.BOX 129
GLASGOW,MT 59230

MIXED AMMONIUM NITRATE — SAMPLED IN GLASGOW — SAMPLE # 1912

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.2%

MANUFACTURER

WESTERN CO-OPERATIVE FERTILIZE
P.O.BOX 2500
CALGARY,ALBT T2P 2M1
CANADA

MONOAMMONIUM PHOSPHATE 11-51-0 — SAMPLED IN BRADY — SAMPLE # 3006

ANALYSIS	CLAIMED	FOUND
NITROGEN	11%	11.0%
PHOSPHATE	51%	51.1%

MONOAMMONIUM PHOSPHATE 11-51-0 — SAMPLED IN MONTANA — SAMPLE # 8376

ANALYSIS	CLAIMED	FOUND
ARSENIC	NO CLAIM	4 ppm
CADMIUM	NO CLAIM	20 ppm
LEAD	NO CLAIM	3.8 ppm

MANUFACTURER

WYCON CHEMICAL CO
P.O.BOX 1287
CHEYENNE,WY 82003

AMMONIUM NITRATE 34-0-0 — SAMPLED IN EDGAR — SAMPLE # 1667

ANALYSIS	CLAIMED	FOUND
NITROGEN	34%	34.7%

MANUFACTURER

YOM DISTRIBUTORS
P.O.BOX 1224
DICKINSON,ND 58602

DIAMMONIUM PHOSPHATE 18-46-0 — SAMPLED IN TERRY — SAMPLE # 3306

ANALYSIS	CLAIMED	FOUND
NITROGEN	18%	18.0%
PHOSPHATE	46%	46.7%

UREA 46-0-0 — SAMPLED IN TERRY — SAMPLE # 3308

ANALYSIS	CLAIMED	FOUND
NITROGEN	46%	46.2%

1988 FERTILIZER ANALYSIS BREAKDOWN

Nutrient	# Analyzed	# Deficient	% Deficient
Nitrogen	183	6	3.3
Phosphate	136	12	8.8
Potash	48	-	-
Sulfur	47	1	2.1
Zinc	7	-	-
Manganese	2	-	-
Iron	6	-	-
Calcium	4	-	-
Copper	3	-	-
Mercury	1	-	-
Lead	18	-	-
Cadmium	17	-	-
Arsenic	18	-	-
Total	490	19	3.9%

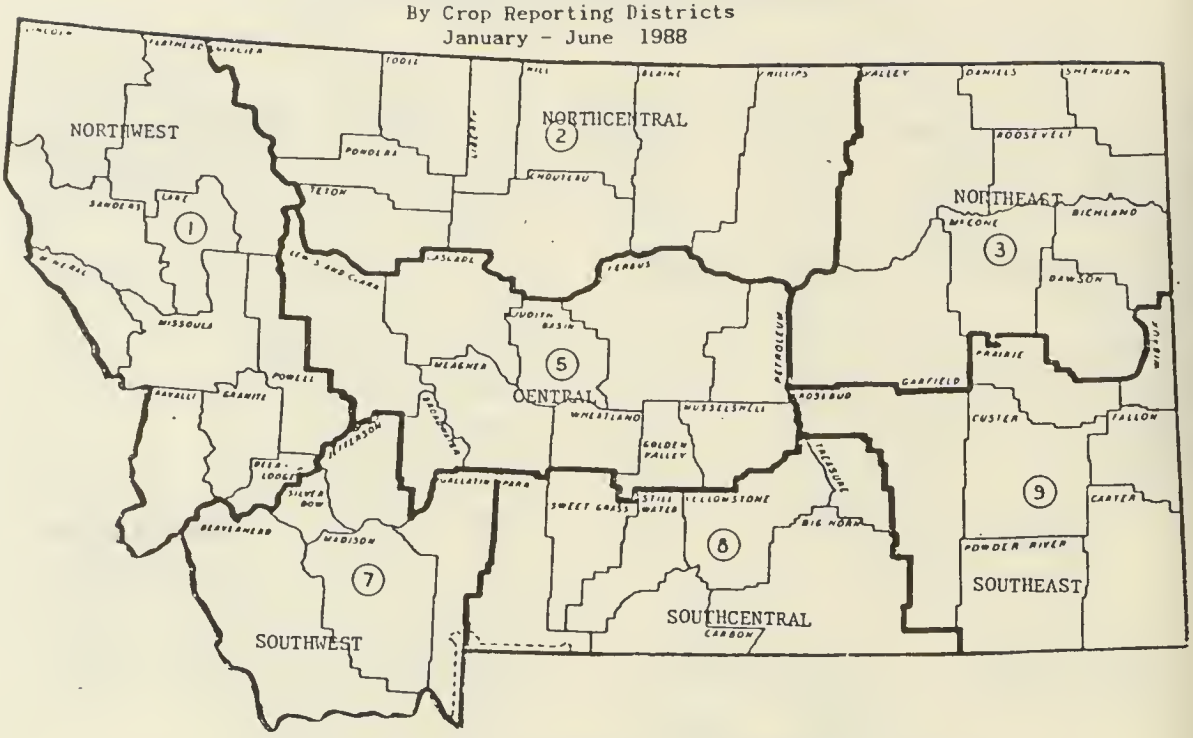
FERTILIZER SAMPLING

Year	# Samples Taken	# Samples Deficient	Deficient
1977	448	32	7.1
1978	533	30	5.6
1979	365	21	5.7
1980	506	27	5.3
1981	428	24	5.1
1982	607	41	6.7
1983	558	50	8.9
1984	379	58	15.3
1985	368	55	14.9
1986	228	43	18.9
1987	175	25	14.3
1988	228	18	7.9

FERTILIZER TONNAGE

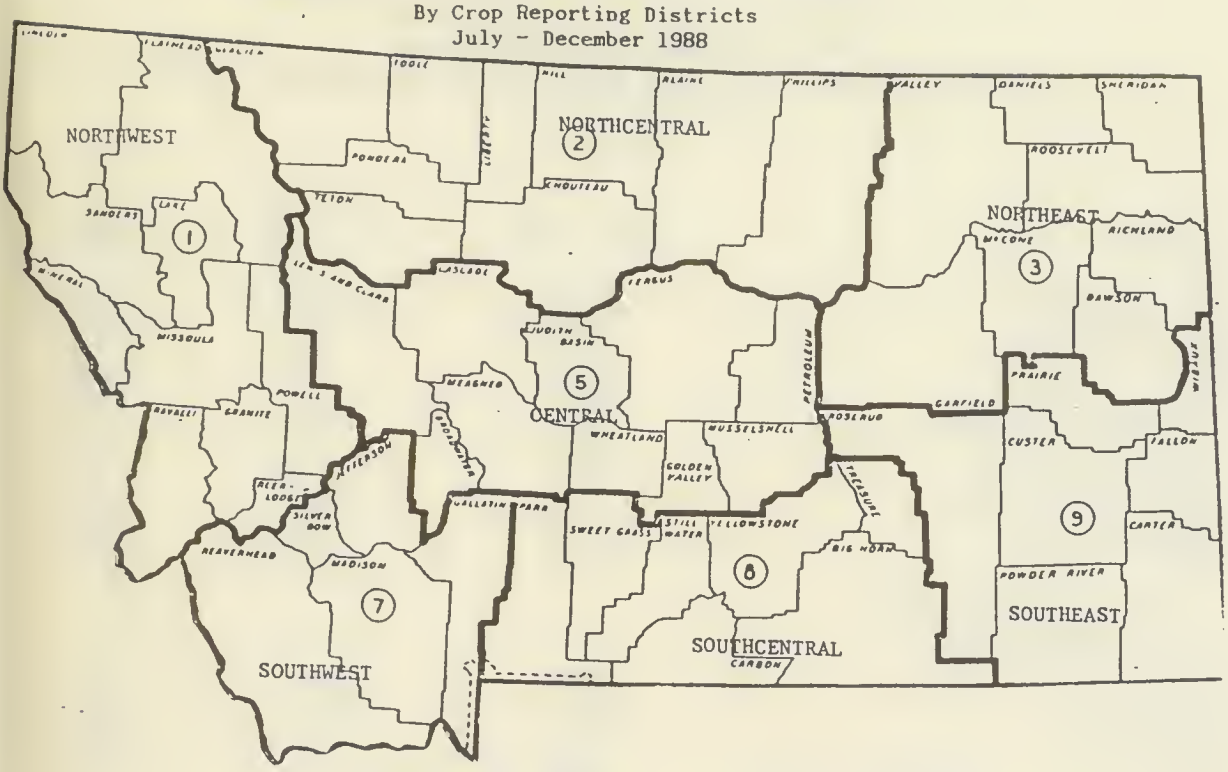
YEAR	TONNAGE
1972	226,939
1973	268,061
1974	219,197
1975	170,324
1976	283,925
1977	259,211
1978	301,487
1979	324,838
1980	295,958
1981	363,295
1982	384,387
1983	447,407
1984	406,567
1985	325,887
1986	337,626
1987	393,505
1988	279,616

FERTILIZER AND FERTILIZER MATERIAL SOLD IN MONTANA
By Crop Reporting Districts
January - June 1988



STATEWIDE TOTAL	SOUTH WEST	NORTH WEST	SOUTH CENTRAL	CENTRAL	NORTH CENTRAL	SOUTH EAST	NORTH EAST	TOTALS
Anhydrous Ammonia	505	524	699	4100	8547	284	637	15296
Ammonium Nitrate	8571	2941	11048	7355	16535	402	1736	48588
Ammonium Sulfate	1308	1413	484	952	1671	73	330	6231
Urea	2220	1372	3085	7798	21642	1641	7146	44904
Ammonium Thiosulfate	63	16	11	0	519	13	25	647
Nitrogen Sols. 32%	638	64	354	0	962	0	0	2018
Nitrogen Sols. 28%	0	0	0	140	3163	76	3102	6481
Phosphorus Material	689	232	300	181	3143	61	36	4642
Potash Materials	2117	1603	1412	1734	5345	860	1150	14221
Sulfur	64	52	38	79	406	18	120	777
DAP 18-46-0	1421	406	4643	2849	5534	2333	10161	27347
MAP 11-52-0	3611	1651	2045	7808	22017	435	3186	40753
APS 16-20-0	3158	2094	997	545	1168	135	135	8232
30-10-0	12	0	134	0	462	0	17	625
10-34-0	54	7	89	99	2789	0	928	3966
2-1-0 ratios (27-14-0)	25	8	16	0	880	2	1	932
1-1-0 ratios (23-23-0)	37	0	0	28	341	0	77	483
1-1-1 ratios (16-16-16)	0	228	2	0	39	0	94	363
Micronutrients	13	111	142	61	0	18	116	461
Gypsum/Lime	0	345	19	0	0	8	22	394
Compost	0	730	0	0	0	0	0	730
Other	0	24	82	123	21	0	0	250
TOTAL	24506	13821	25600	33852	95184	6359	29019	228341

FERTILIZER AND FERTILIZER MATERIAL SOLD IN MONTANA
By Crop Reporting Districts
July - December 1988



STATEWIDE TOTAL	SOUTH WEST	NORTH WEST	SOUTH CENTRAL	CENTRAL	NORTH CENTRAL	SOUTH EAST	NORTH EAST	TOTALS
Anhydrous Ammonia	178	20	260	2348	3865	159	55	6885
Ammonium Nitrate	1663	106	2022	951	596	83	112	5533
Ammonium Sulfate	374	146	168	276	291	21	24	1300
Urea	437	74	773	1093	4643	205	645	7870
Ammonium Thiosulfate	13	7	0	0	148	0	21	189
Nitrogen Sols. 32%	42	79	41	0	627	0	0	789
Nitrogen Sols. 28%	8	0	0	0	858	6	18	890
Phosphorus Material	35	85	112	67	1393	0	0	1692
Potash Materials	116	130	335	567	1164	334	319	2965
Sulfur	6	31	34	34	170	0	17	292
DAP 18-46-0	144	80	1673	1232	1125	553	1850	6657
MAP 11-52-0	1092	206	1150	3404	4993	336	957	12138
APS 16-20-0	1113	94	569	359	486	0	13	2634
30-10-0	0	0	0	0	0	0	0	0
10-34-0	25	43	21	12	612	1	324	1038
2-1-0 ratios (27-14-0)	0	0	1	0	0	0	0	1
1-1-0 ratios (23-23-0)	0	0	0	0	11	0	0	11
1-1-1 ratios (16-16-16)	0	85	0	0	0	0	21	106
Micronutrients	4	15	59	12	53	2	2	147
Gypsum/Lime	0	60	14	0	0	0	4	78
Compost	0	0	0	0	0	0	0	0
Other	0	5	0	0	55	0	0	60
TOTAL	5250	1266	7232	10355	21090	1700	4382	51275

MONTANA DEPARTMENT OF AGRICULTURE
FERTILIZER AND FERTILIZER MATERIAL SOLD IN MONTANA
FOR THE YEAR
1988

MATERIAL	JAN - JUNE	JULY - DEC	TOTAL
Anhydrous Ammonia	15296	6885	22181
Ammonium Nitrate	48588	5533	54121
Ammonium Sulfate	6231	1300	7531
Urea	44904	7870	52774
Ammonium Thiosulfate	647	189	836
Nitrogen Sols. 32%	2018	789	2807
Nitrogen Sols. 28%	6481	890	7371
Phosphorous Materials	4642	1692	6334
Potash Materials	14221	2965	17186
Sulfur	777	292	1069
AMMONIATED PHOSPHATES & MIXTURES			
DAP 18-46-0	27347	6657	34004
MAP 11-52-0	40753	12138	52891
APS 16-20-0	8232	2634	10866
30-10-0	625	0	625
10-34-0	3966	1038	5004
2-1-0 ratios (27-14-0)	932	1	933
1-1-0 ratios (23-23-0)	483	11	494
1-1-1 ratios (16-16-16)	363	106	469
Micronutrients	461	147	608
Gypsum/Lime	394	78	472
Compost	730	0	730
Other	250	60	310
TOTAL	228341	51275	279616

TOTAL NITROGEN	65342	51746	117088
TOTAL P205	39247	32811	71858
TOTAL K20	8558	3717	12275

MONTANA DEPARTMENT OF AGRICULTURE
PLANT INDUSTRY DIVISION
AGRICULTURE/LIVESTOCK BLDG.
CAPITOL STATION
HELENA, MT 59620

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